

Pipe Joint

Fitting	Symbol
Bend 90 degrees	
Bend 45 degrees	
Cross	
Elbow 90 degrees	
Elbow 45 degrees	
Tee	
Reducer concentric	
Union screwed	
Plug or cap	
Joint/socket	

Convention used for Welded joints

S.no	Designation	Illustration	Symbol
1	Fillet		
2	Square butt		
3	Single V-butt		
4	Double V-butt		
5	Single U-butt		
6	Double U-butt		
7	Single bevel butt		
8	Double bevel butt		
9	Single J-butt		
10	Double J-butt		
11	Stud		
12	Bead edge or seal		
13	Sealing run		
14	Spot		
15	Seam		
16	Stitch		
17	Plug weld		

Rivets and riveting

